



Willison H. Gormly  
3400 Rowland  
Hutchinson, Kansas 67502-1324  
WDØBCS

December 22, 2004

Mr. John A. Karousos  
Assistant Chief, Audio Division  
Media Bureau  
Federal Communications Commission  
445 Twelfth Street, SW  
Washington, DC 20554

Reference: MB Docket: 02-164

MB Docket: 04-218

Dear Mr. Karousos

I just arrived home from a fast trip to Cimarron, New Mexico. What I saw there nullified the comments about my proposed Cimarron, New Mexico 296C1 that I almost mailed to you on Monday. The comments were in response to your letter Dated November 26, 2004.

During my trip, I drove by Rayado Mesa. Then I drove into Cimarron. The first thing I did in Cimarron was look back at Rayado Mesa. To my surprise there was this east - west ridge on the south side of Cimarron. It was about twenty-five meters high, and was blocking my view of Rayado Mesa. I drove to the east end of Cimarron, and I could see all of Rayado Mesa. The map that I was using has 500' contour lines. With the size of the mountains, that go about five-eighths of the way around Cimarron, I can understand as to why I missed something this small. Something this small would not have shown up on my map.

You had returned my petition for Garfield, Colorado 240A because of a major terrain obstruction between the proposed transmitter site and Garfield. This ridge would have caused a

shadow for the southern part of Cimarron from my proposed Cimarron 296C1 transmitter site. Like Garfield, this situation would not have allowed. My original proposal for Cimarron was 236C2. In October 2001 a Cimarron, New Mexico 236C2 transmitter site could be on the south side of Cimarron.

The purpose of this trip had been to see what Rayado Mesa looked like. It was a last minute decision to loop back through Cimarron. This look at Cimarron told me that any FM station for Cimarron would have to have a transmitter site in the Cimarron vicinity.

I feel that the south-central part of Colfax County is now well served with full-time service. I just purchased a new car. One of the problems that I have discovered about the car is that the radio has poor sensitivity. To give you an idea of how poor the sensitivity is, during my trip between Clayton and Springer, New Mexico, I had visual contact with Sierra Grande. I tuned my radio to K291AD. I could not hear anything. I picked up my two meter hand held transceiver. Tuned it to one of the repeaters on the summit of Sierra Grande, and in the one Watt position, I was able to bring up the repeater from inside the car.

Near Gladstone, I scanned, and KRTN-FM was receivable. As I neared Springer, I hit the scan button again, and KKIT and the two FM stations on Raton Pass were also receivable. KKIT sounded very good on their new channel and new transmitter location. Near Cimarron, I switched to AM, and nothing came in. Not even KRTN, nor the 5 kW AM station in Las Vegas was receivable.

On top of Sierra Grande, K291AD is a wide area FM translator. In my other cars I have been able to receive K291AD as far east as Elkhart, Kansas. The normal east limit is Boise City, Oklahoma. Boise City is also the area where I lose the amateur radio repeaters on top of Sierra

Grande, when I use an external, mobile antenna. While mountains block the signal from getting to Trinidad, Colorado, I have received K291AD north of Trinidad. I have not been south of Springer since K291AD went on the air. I do not remember attempting to receive K291AD when I was in Raton. My experience from amateur radio tells me that, with the exception of the north and south ends of Raton, there is a terrain obstruction between Sierra Grande and Raton. This was the first time that I have been near Springer since K291AD went on the air. Amateur radio tells me that Springer is in a shadow from Sierra Grande. I was able to get into the repeaters with an external mobile antenna to the south of Springer. Sierra Grande is the highest point in Union County. There is a higher peak between Sierra Grande and Springer. Yesterday, I did overhear a conversation, over the Sierra Grande amateur radio repeater, while I was in Cimarron

K291AD has an ERP of about 100 W. The Des Moines, New Mexico 287C will probably be built on Sierra Grande. Just being on the summit of Sierra Grande, I exceed the 600 m HAAT ceiling for a Class C at 100 kW. The ERP will be in the area of 86 to 92 kW, depending on the number of bays that I use in the antenna. I am just attempting to think about what my service area will be, and where I will need to fill in due to the terrain. Clayton, New Mexico is in a shadow from Sierra Grande, but I have never noticed any loss of signal from Sierra Grande. Trinidad, Colorado and Raton, New Mexico represent about eighty percent of the population within my protected grade contour, and they are within the city grade contour. I will probably have to build a booster station on Raton Pass to serve the Trinidad - Raton area. Springer represents about five percent of the population within my protected grade contour. Springer is outside the city grade contour of the Des Moines 287C FM allotment. I will wait until I decide as to what to do with service to Springer.

On the way back, I stopped in Des Moines. A young man asked if my antennas were for CB. I had to give the young man a quick lesson as to what amateur radio is. He got to talk to: Santa Clause in California, a woman in Alaska, and a couple of people in Europe. It has been a long time since I drove by the KFUN / KLVF studios. On the north side of their building was a short tower with a three element Yagi mounted on it. I plan to build an amateur radio station as part of my studios. During station tours, they will get both broadcast and amateur radio. At the present my only fixed location amateur radio station is at my cabin in northwest Union County. That is the reason why I am using Des Moines as my mailing address for my amateur radio station license.

To the best of my knowledge the information in this document is correct.

Sincerely

Willison H. Gormly